



CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com



To,

Assistant Executive Engineer
Kodigehalli Sub Division,
BBMP, Bangalore.

16th March 2015

Dear Sir,

Sub: Improvements to roads in 18th cross Behind Sampath kumar house in
jakkur layout ward no. 07 Byatarayanapura.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for
the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,


(KHUSHBOO L.)
Quality Manager



TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

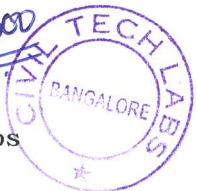
Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP
Name of Work	Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.
Name of Agency	Sri. B. M. Muniraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm ²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm ²)	Avg Compressive Strength (N/mm ²)
1	CC-Work (Pavement)	16/02/2015	16/03/2015	28	8.18	490	21.78	21.78
2					8.17	485	21.56	
3					8.19	495	22.00	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.


 Lab Incharge
 Civil Tech Labs





CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com



To,

Assistant Executive Engineer
Kodigehalli Sub Division,
BBMP, Bangalore.

12th March 2015

Dear Sir,

Sub: Improvements to roads in 18th cross Behind Sampath kumar house in
jakkur layout ward no. 07 Byatarayanapura.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for
the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

(KHUSHBOO L.)
Quality Manager



TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP
Name of Work	Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.
Name of Agency	Sri. B. M. Muniraju
Grade of Concrete	M-30
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm ²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm ²)	Avg Compressive Strength (N/mm ²)
1	CC-Work (Pavement)	12/02/2015	12/03/2015	28	8.19	710	31.56	31.19
2					8.20	700	31.11	
3					8.18	695	30.89	

Note:

- The results relate only to the items tested.
- Report shall not be reproduced except in full, without the written approval of the lab.
- Any correction invalidates this report.
- The results are based on the test conducted on samples supplied by the customer.



 Lab Incharge

 Civil Tech Labs



CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com



To,

Assistant Executive Engineer
Kodigehalli Sub Division,
BBMP, Bangalore.

06th February 2015

Dear Sir,

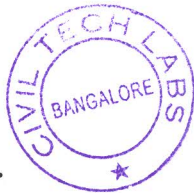
Sub: Testing of Materials.

As requested, tests on physical properties were carried out for the materials supplied by you, for the work of **'Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.**

Please find the enclosed Test Reports of the above.

**Thanking You,
For Civil Tech Labs**


(KHUSHBOO L.)
Quality Manager



TEST REPORT

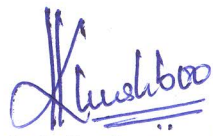
TEST ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP
Name of Work	Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.
Name of the Agency	Sri. B. M. Muniraju
Date of Testing	06/02/2015
Specific Gravity	2.67
Water Absorption in %	0.28

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
80	100	100	Satisfies the requirement
40	98.4	95-100	
20	57.1	30-70	
10	24.9	10-35	
4.75	3.4	0-5	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.


 Lab Incharge
 Civil Tech Labs



TEST REPORT

TEST ON FINE AGGREGATES Ref:IS:383/2386

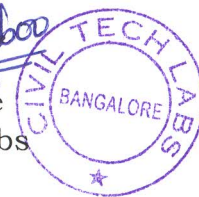
Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP
Name of Work	Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.
Name of the Agency	Sri. B. M. Muniraju
Date of Testing	06/02/2015
Specific Gravity	2.58

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970				Grading Zone
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
River Sand	10	100	100	100	100	100	II
	4.75	98.8	90-100	90-100	90-100	95-100	
	2.36	87.2	60-95	75-100	85-100	95-100	
	1.18	76.3	30-70	55-90	75-100	90-100	
	0.6	45.9	15-34	35-59	60-79	80-100	
	0.3	22.6	5-20	8-30	12-40	15-50	
	0.15	8.2	0-10	0-10	0-10	0-15	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.


 Lab Incharge
 Civil Tech labs



TEST REPORT TEST ON CEMENT

Name & Address of the Customer	AEE, Kodigehalli Sub Division, BBMP
Name of Work	Improvements to roads in 18th cross Behind Sampath kumar house in jakkur layout ward no. 07 Byatarayanapura.
Name of the Agency	Sri. B. M. Muniraju
Date of Testing	06/02/2015

Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112:1989	Remarks
	IS Code	Method	Value	Unit		
Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	53	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	IS-4031 (Part-5) 1988	VICAT	488	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	5	mm	Not More Than 10 mm	Satisfies Requirement

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

Kushboo
Lab Incharge
Civil Tech Labs

